

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the present application:

Listing of Claims:

1. (Currently Amended) A bone tap for introducing bone filler into a bone and for forming a threaded hole in the bone, comprising:
a body[[,]];
a passage through at least a portion of the body;
threading located near an end of the body; and
one or more openings through the threading in communication with the passage,
the one or more openings configured to introduce bone filler into the bone.
2. (Previously Presented) The bone tap of claim 1, wherein the passage and at least one of the openings is configured to allow delivery of fluid to the bone during use.
3. (Original) The bone tap of claim 1, further comprising at least one flute formed in the threading adjacent to one of the openings.
4. (Original) The bone tap of claim 1, wherein the threading is configured to inhibit backflow of fluid along the body.
5. (Original) The bone tap of claim 1, further comprising a fluid port configured to form a seal with a fluid delivery system configured to introduce fluid into the passage.

6. (Previously Presented) The bone tap of claim 1, further comprising a tool portion configured to couple to a driver that facilitates insertion of the body into bone.

7. (Original) The bone tap of claim 1, wherein the passage extends from a proximal end of the tap to a distal end of the tap.

8. (Original) The bone tap of claim 1, wherein the one or more openings comprises a plurality of fenestrations, wherein three or more fenestrations are spaced at substantially regular intervals along the threading.

9. (Currently Amended) A surgical system for treating ~~forming a threaded hole in~~ a bone, comprising:

a tap comprising a passage and one or more openings;

a driver configured to be coupled to the tap; ~~[[and]]~~

at least one dilator configured to provide access to the bone; and

a bone fastener,

wherein the passage and at least one of the openings are adapted to allow delivery of a fluid to the bone during use, and

wherein the bone fastener is configured to be inserted into a threaded opening created by the tap.

10. (Currently Amended) The system of claim 9, wherein the fluid comprises ~~passage and at least one of the openings are adapted to allow delivery of bone cement to the bone during use.~~

11. (Original) The system of claim 9, wherein the driver comprises a resilient member adapted to inhibit unintentional separation of the driver from the tap.

12. (Currently Amended) The system of claim ~~[[9]]~~ 11, wherein the resilient member is a spring tab.

13. (Original) The system of claim 9, wherein the tap further comprises a fluid port.

14. (Original) The system of claim 9, further comprising a fluid delivery system.

15.-20. (Cancelled)

21. (Previously Presented) The bone tap of claim 1, wherein the bone filler is a bone adhesive.

22. (Previously Presented) The bone tap of claim 1, wherein the end of the body is blunt.

23. (Currently Amended) A method of introducing a fluid into a bone, comprising:

advancing a bone tap into the bone, the bone tap comprising a passage, one or more openings communicating with the passage, and threading located near an end of ~~[[the]]~~ a body of the bone tap;

introducing a fluid to the bone through at least one of the openings; ~~[[and]]~~

allowing the fluid to spread to a portion of the bone; and

introducing a bone fastener into an opening formed by the bone tap.

24. (Currently Amended) The method of claim ~~[[22]]~~ 23, wherein the fluid comprises bone cement.

25. (Currently Amended) The method of claim ~~[[22]]~~ 23, wherein the fluid comprises a bone filler and a medicament.

26. (Currently Amended) The method of claim ~~[[22]]~~ 23, wherein advancing the bone tap into the bone comprises attaching a driver to the bone tap, placing the bone tap at an initial opening formed in the bone, and rotating the bone tap to thread the bone tap into the bone.

27. (Currently Amended) The method of claim ~~[[22]]~~ 23, wherein introducing fluid to the bone comprises coupling a fluid delivery system to the bone tap, and activating the fluid delivery system to move fluid through the bone tap and into the bone.

28. (Currently Amended) The method of claim ~~[[22]]~~ 23, further comprising coupling a driver to the bone tap, and using the driver to remove the bone tap from the bone.

29. (Cancelled)

30. (New) The bone tap of claim 1, wherein the body comprises indicia for monitoring insertion depth of the bone tap into the bone.

31. (New) The method of claim 23, wherein the step of introducing fluid to the bone comprises the steps of: (1) introducing fluid to a first location; (2) moving the bone tap; and (3) introducing fluid to a second location.

32. (New) The method of claim 31, wherein the step of moving the bone tap comprises partially withdrawing the bone tap.

33. (New) A method of introducing a fluid into a bone, comprising:

advancing a bone tap into the bone, the bone tap comprising a passage, one or more openings communicating with the passage, and threading located near an end of a body of the bone tap;

introducing a fluid to the bone through at least one of the openings;

allowing the fluid to spread to a portion of the bone; and

coupling a driver to the bone tap, and using the driver to remove the bone tap from the bone.

34. (New) The method of claim 33, wherein the fluid comprises bone cement.

35. (New) The method of claim 33, wherein the fluid comprises a bone filler and a medicament.

36. (New) The method of claim 33, wherein advancing the bone tap into the bone comprises attaching a driver to the bone tap, placing the bone tap at an initial opening formed in the bone, and rotating the bone tap to thread the bone tap into the bone.

37. (New) The method of claim 33, wherein introducing fluid to the bone comprises coupling a fluid delivery system to the bone tap, and activating the fluid delivery system to move fluid through the bone tap and into the bone.

38. (New) The method of claim 33, wherein the step of introducing fluid to the bone comprises: (1) introducing fluid to a first location; (2) moving the bone tap; and (3) introducing fluid to a second location.

39. (New) The method of claim 38, wherein the step of moving the bone tap comprises partially withdrawing the bone tap.

40. (New) A method of introducing a fluid into a bone, said method comprising the steps of:

- providing the bone tap of claim 1;
- advancing the bone tap to a first location in the bone;
- introducing fluid to the first bone location;
- moving the bone tap to a second location in the bone;
- introducing fluid to the second bone location; and
- withdrawing the bone tap from the bone.

41. (New) The method of claim 40, wherein the step of moving the bone tap to a second location comprises partially withdrawing the bone tap.

42. (New) The method of claim 40, wherein the fluid comprises bone cement.

43. (New) The method of claim 40, wherein the fluid comprises a bone filler and a medicament.

44. (New) The method of claim 40, wherein advancing the bone tap into the bone comprises attaching a driver to the bone tap, placing the bone tap at an initial opening formed in the bone, and rotating the bone tap to thread the bone tap into the bone.

45. (New) The method of claim 40, wherein introducing fluid to the first bone location comprises coupling a fluid delivery system to the bone tap, and activating the fluid delivery system to move fluid through the bone tap and into the bone.

46. (New) The method of claim 40, further comprising the step of coupling a driver to the bone tap, and using the driver to remove the bone tap from the bone.

47. (New) A method of introducing a fluid into a bone, said method comprising the steps of:

advancing a bone tap to a first location in the bone;
introducing fluid to the first bone location;
moving the bone tap to a second location in the bone;
introducing fluid to the second bone location; and
withdrawing the bone tap from the bone.

48. (New) The method of claim 47, wherein the step of moving the bone tap to a second location comprises partially withdrawing the bone tap.

49. (New) The method of claim 47, wherein the fluid comprises bone cement.

50. (New) The method of claim 47, wherein the fluid comprises a bone filler and a medicament.

51. (New) The method of claim 47, wherein advancing the bone tap into the bone comprises attaching a driver to the bone tap, placing the bone tap at an initial opening formed in the bone, and rotating the bone tap to thread the bone tap into the bone.

52. (New) The method of claim 47, wherein introducing fluid to the first bone location comprises coupling a fluid delivery system to the bone tap, and activating the fluid delivery system to move fluid through the bone tap and into the bone.

53. (New) The method of claim 47, further comprising coupling a driver to the bone tap, and using the driver to remove the bone tap from the bone.